

WHAT IS CLAIMED IS:

1. A heat transport device comprising:
an evaporator for vaporizing fluid in a liquid phase;
a condenser having a plurality of wicks for generating
capillary force for refluxing fluid;
a liquid phase channel for circulating fluid in a
liquid phase, the liquid phase channel connecting with both
the evaporator and the condenser;
a vapor phase channel for circulating fluid in a vapor
phase, the vapor phase channel connecting with both the
evaporator and the condenser; and
wherein the wicks formed on the condenser are arranged
symmetrically around the axis orthogonal to the direction of
gravity.
2. A heat transport device according to claim 1,
wherein the fluid reaching the condenser via the vapor
phase channel passes through and evaporates at a plurality
of grooves formed on the wicks, and
wherein the fluid passes through the grooves is
collected in one place and then supplied to the evaporator.
3. A heat transport device according to claim 1,
wherein the plurality of grooves composing the wicks is

arranged in a radial pattern centered at a joint of the liquid phase channel.

4. A heat transport device according to claim 2, wherein the plurality of grooves composing the wicks is arranged in a radial pattern centered at a joint of the liquid phase channel.

5. A heat transport device according to claim 1, wherein a plurality of wicks symmetrically arranged on a horizontal surface parallel to the axis.

6. A heat transport device according to claim 2, wherein a plurality of wicks symmetrically arranged on a horizontal surface parallel to the axis.

7. A heat transport device according to claim 1, wherein the evaporator is in thermal contact with an imaging element, and wherein the condenser is disposed on a case of an imaging apparatus.

8. A heat transport device according to claim 1, wherein the liquid phase channel and the vapor phase channel are composed of flexible material.

9. An electronic apparatus comprising:
an evaporator for evaporating fluid in a liquid phase;
a condenser having wicks for generating capillary force
for refluxing the fluid;
a heat transport mechanism having a liquid phase
channel circulating fluid in a liquid phase and a vapor
phase channel for circulating fluid in a vapor phase, for
radiating heat of or cooling a data processing element;
wherein the wicks of the condenser is symmetrically
arranged around an axis orthogonal to the direction of
gravity; and
wherein the evaporator is in thermal contact with the
data processing element.